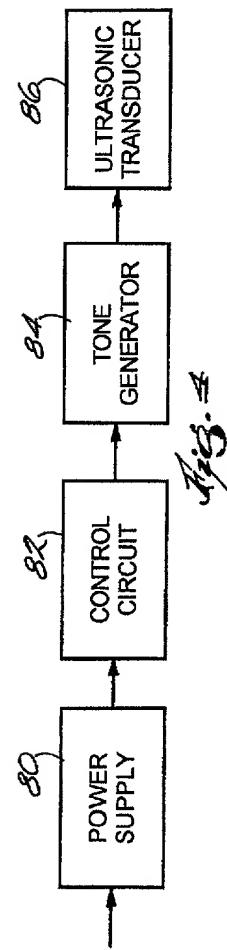
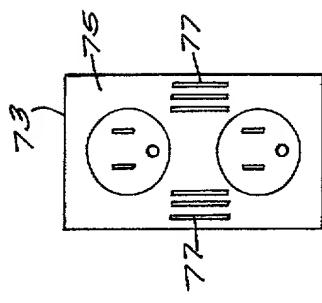
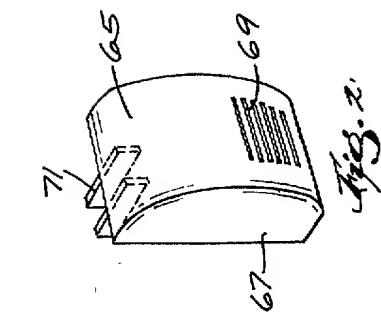


Fig. 1



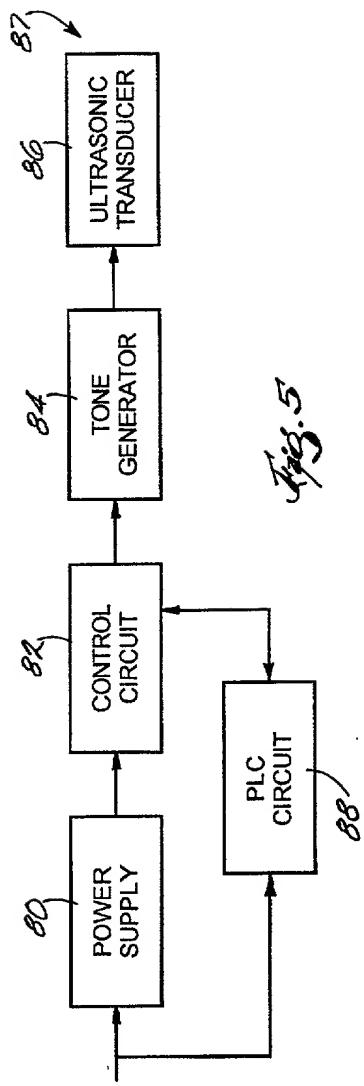
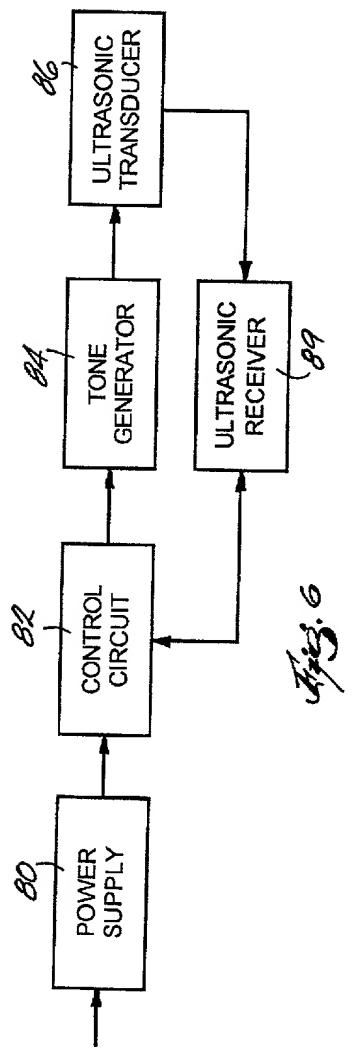


Fig. 5



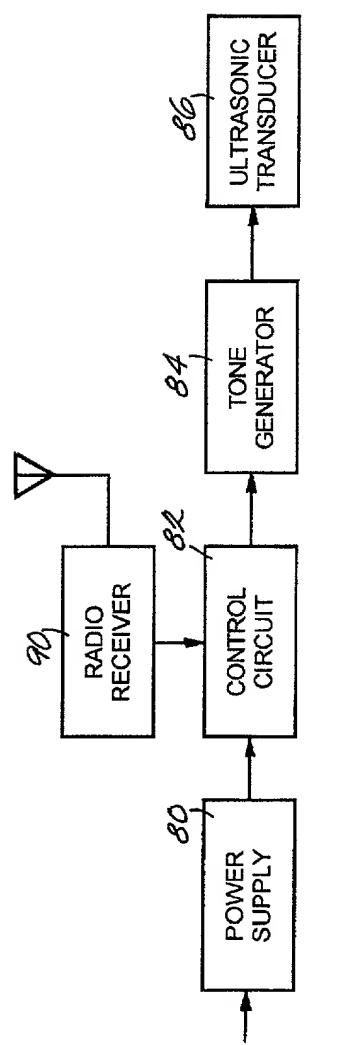


Fig. 2

Fig. 7 Fig. 8 Fig. 9 Fig. 10

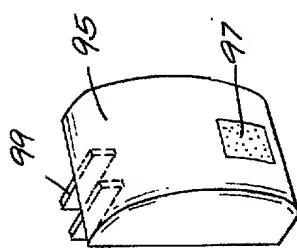


Fig. 8

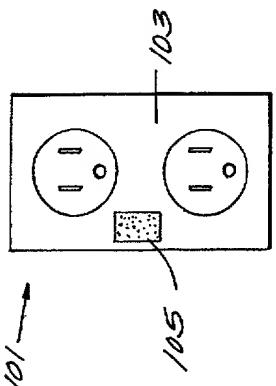


Fig. 9

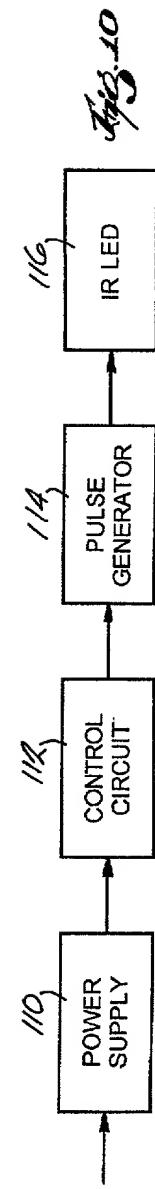
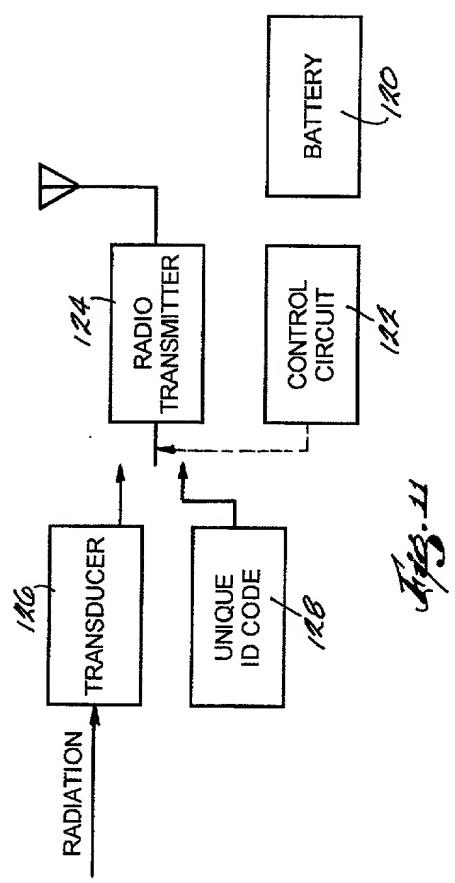
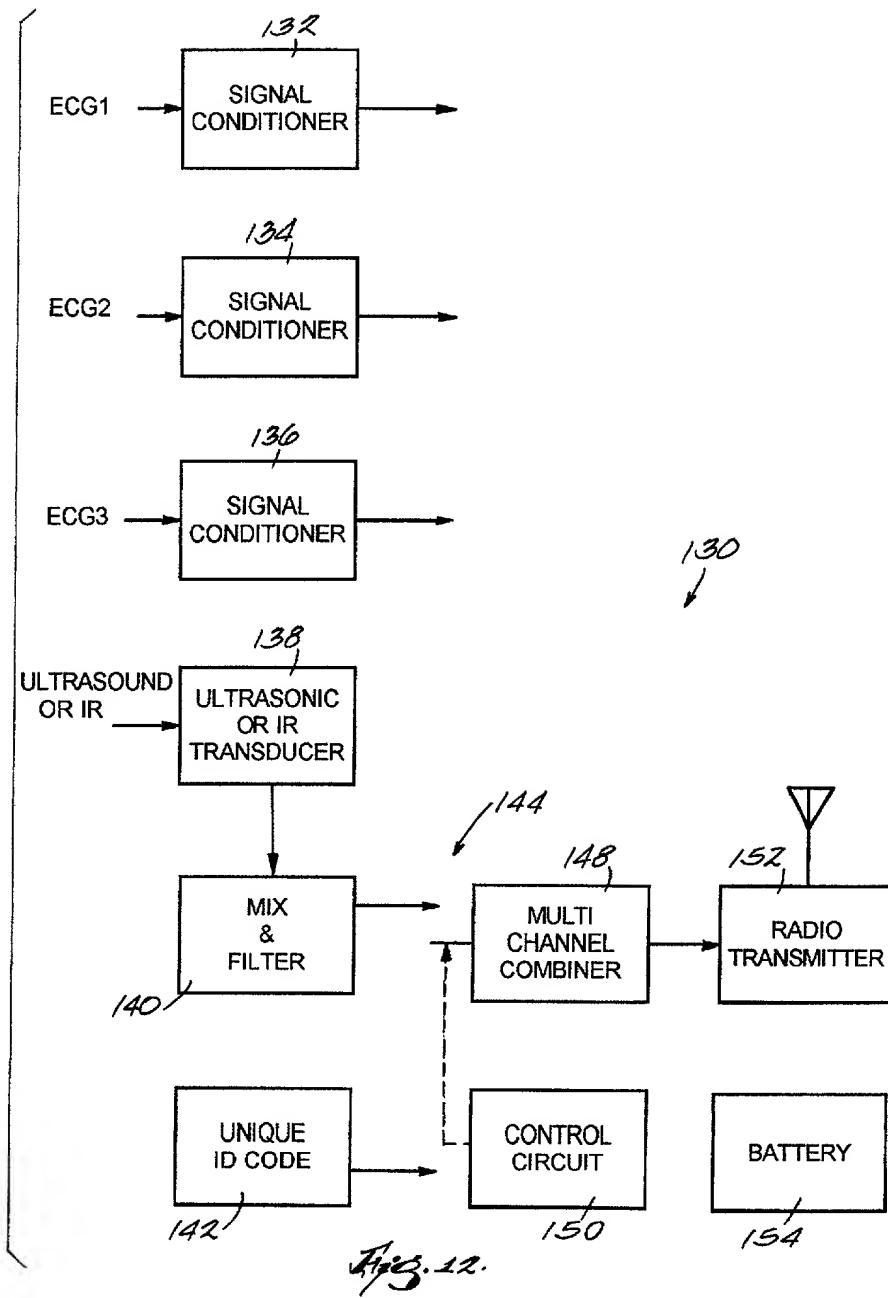
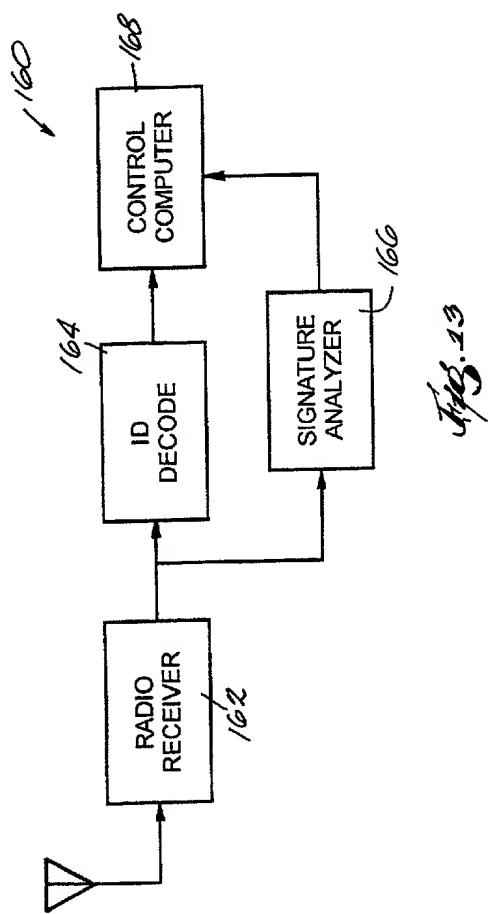
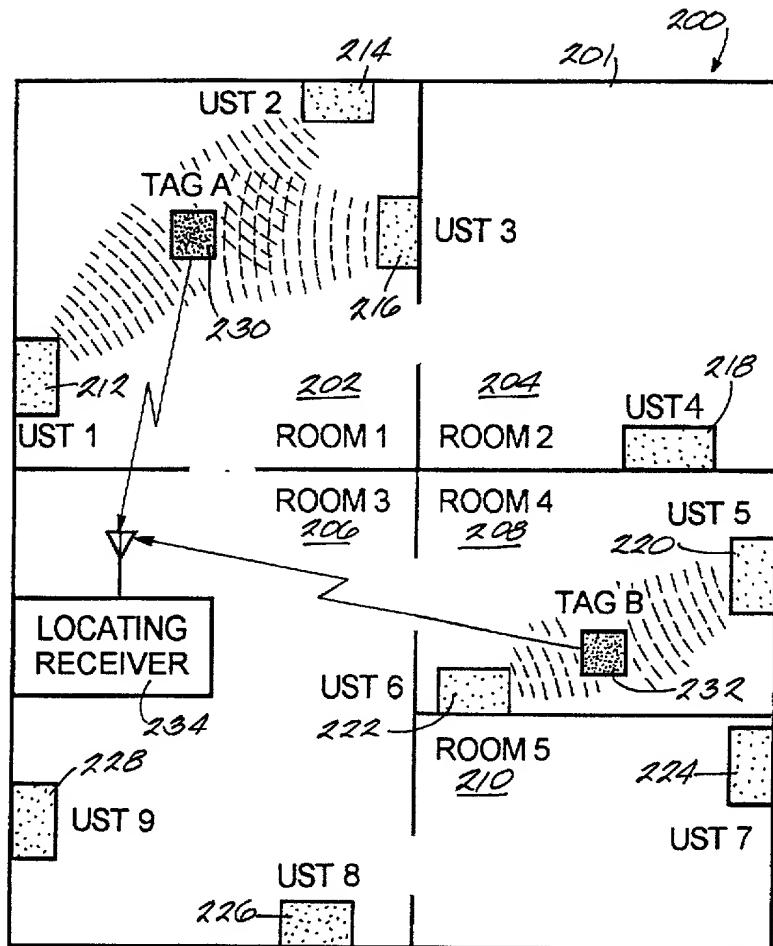


Fig. 10

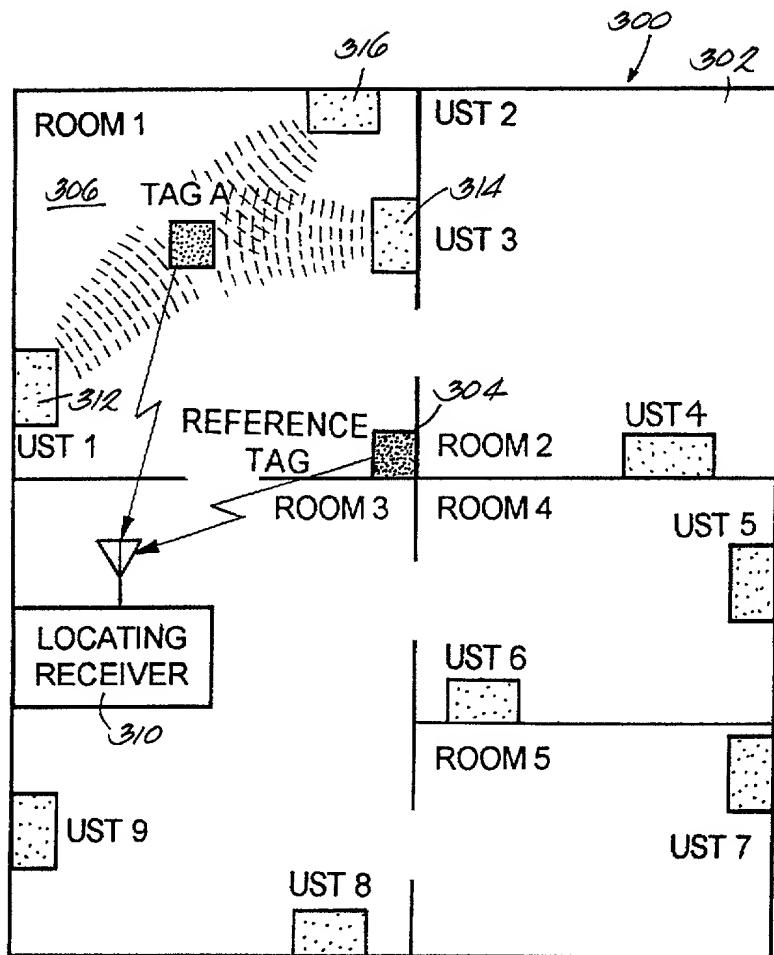




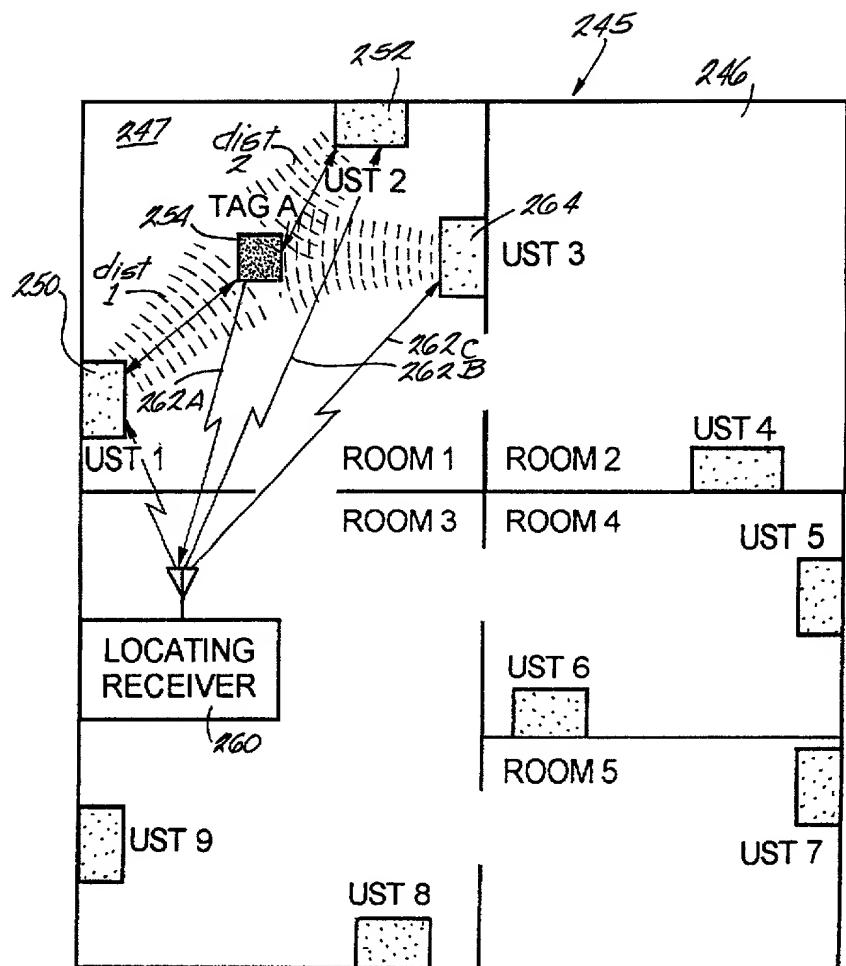




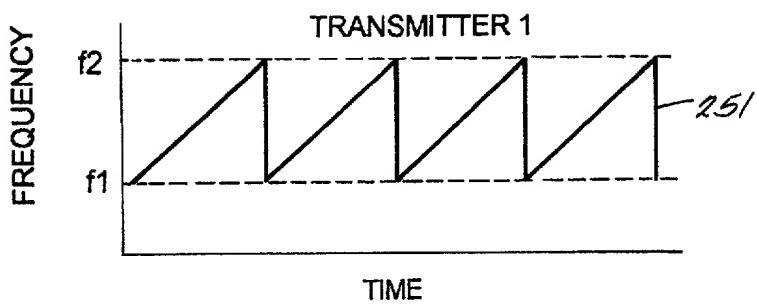
*Fig. 14*



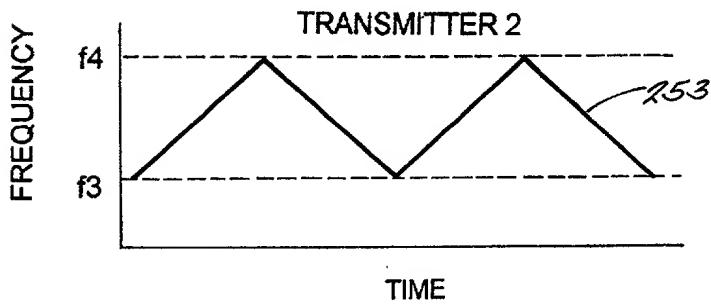
*Fig. 16*



*Fig. 15*



*Fig. 17*



*Fig. 18*

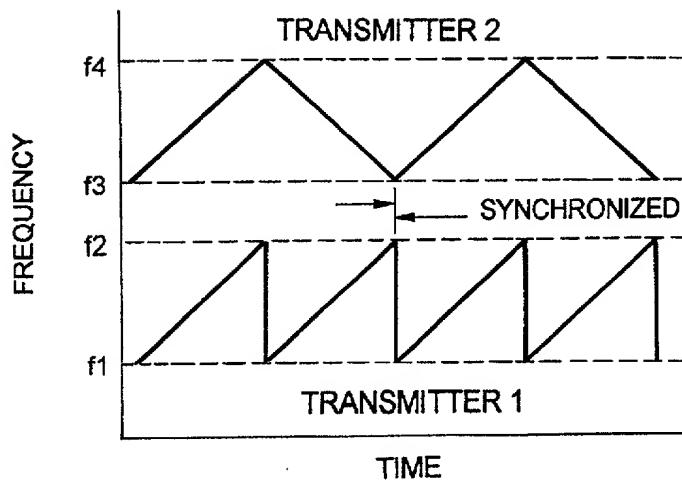


Fig. 19

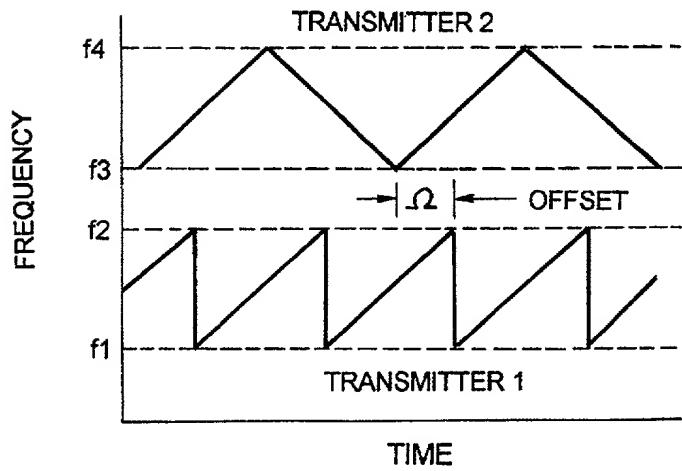
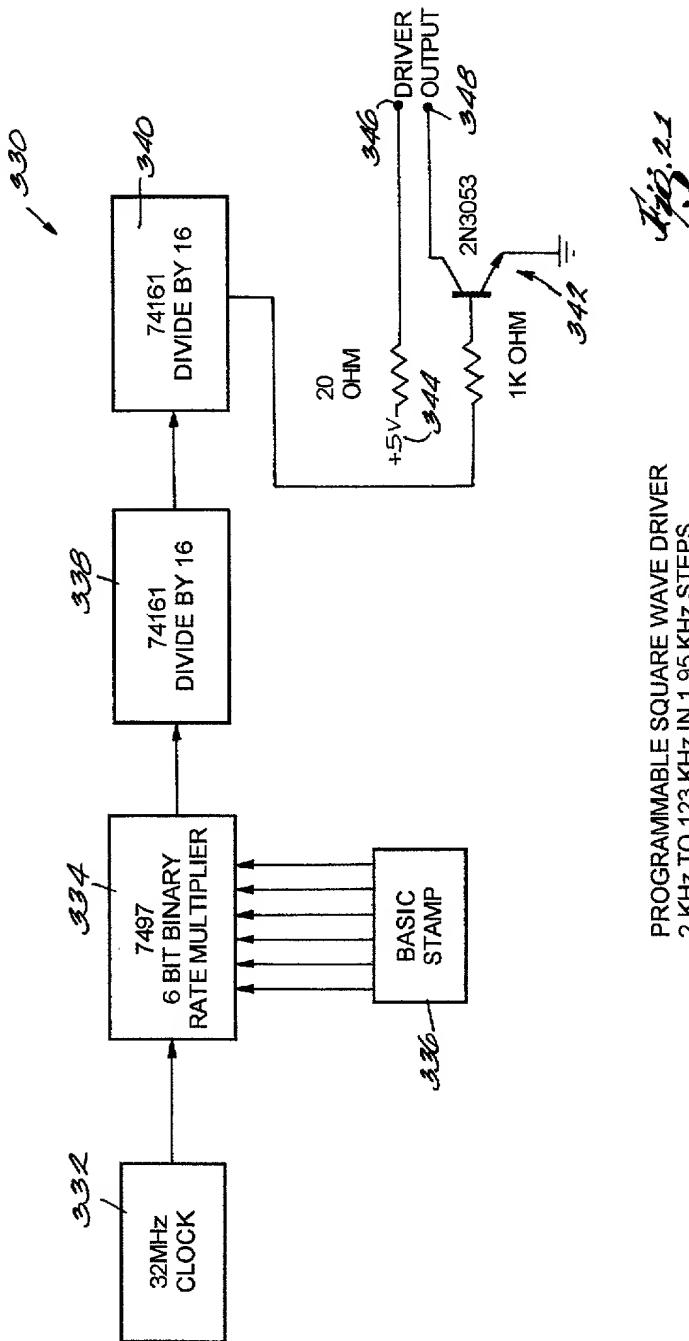


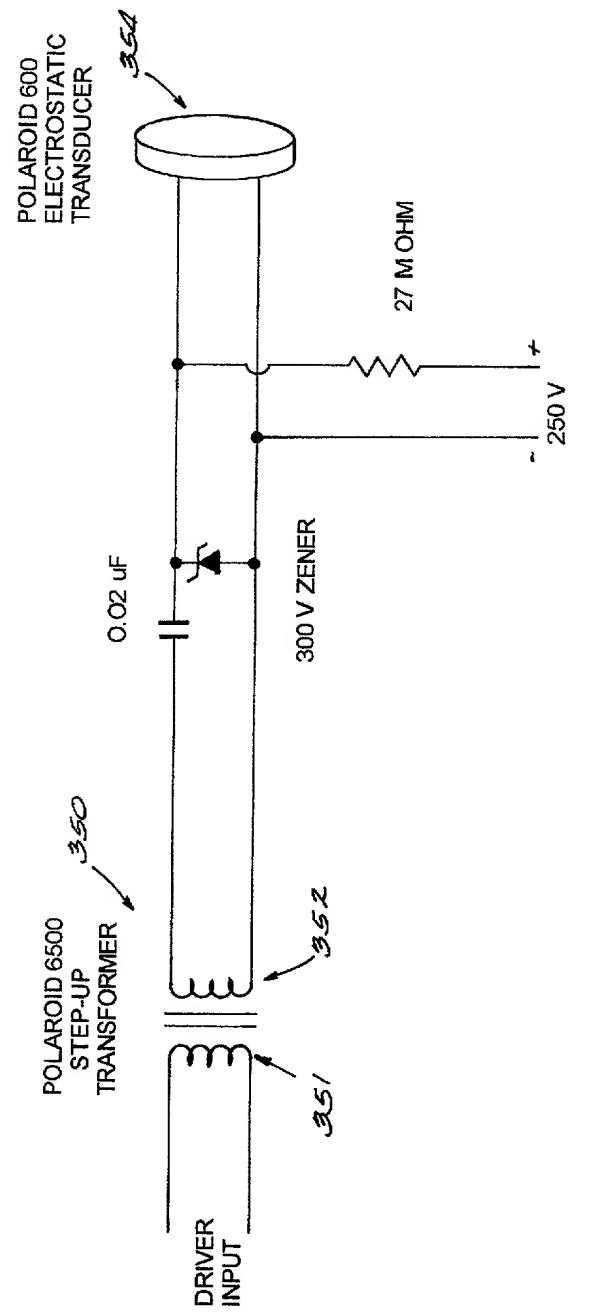
Fig. 20

332 334 336 338 340 342 344 346 348 350



PROGRAMMABLE SQUARE WAVE DRIVER  
2 KHz TO 123 KHz IN 1.96 KHz STEPS

343.21



TRANSDUCER INTERFACE CIRCUIT